

# PRANAV GOYAL

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## Education

### Thapar Institute of Engineering and Technology

2023 – 2027

B.E. in Computer Engineering. CGPA: 9.10

Patiala, Punjab

### SOP School

2023

CBSE (Class XII). Percentage: 95%

Gangoh, Uttar Pradesh

### SOP School

2021

CBSE (Class X). Percentage: 92.2%

Gangoh, Uttar Pradesh

## Projects

### Chat Pat | Jetpack Compose, Firebase Realtime DB, Hilt (Dependency Injection), Firebase Authentication

#### Link

- Developed a real-time one-to-one chat application with modern UI using Jetpack Compose.
- Implemented Firebase Authentication for user login and integrated Realtime Database for instant messaging.
- Utilized Hilt for clean architecture and dependency management. Included features like message timestamps, search by phone number, and dynamic chat lists.

### Lost and Found | Jetpack Compose, Hilt, Room Database, Coil Image Loading Library

#### Link

- Designed and developed a mobile app that allows users to report and locate lost or found items.
- Integrated image selection from camera or gallery using Coil and managed local image URLs within the Room database.
- Implemented features such as user roles (lost/found), item categorization, and search functionality. Utilized Hilt for dependency injection and a modular, maintainable codebase.

### Navchetan SatyaBhash (News Delivery App) | Jetpack Compose, Spring Boot (Backend), Firebase Authentication, Hilt, Room Database, ExoPlayer, Coil

#### Link

- Currently developing a full-featured news delivery app for a regional newspaper company.
- The app enables users to access daily newspapers, video news, and articles.
- Implements Firebase Authentication for secure user access, and uses Room for offline data caching. Spring Boot powers the backend for content upload and management by admins.
- Integrated ExoPlayer for video playback and Coil for efficient image loading. Built with scalable architecture using Hilt for dependency injection.

## Skills

**Languages:** Kotlin, Java, C++

**Frameworks/Libraries:** Jetpack Compose, Spring Boot, Retrofit, Firebase SDK, Hilt

**Databases:** Firebase Realtime Database, Room DB, MySQL (basic)

**Concepts:** Object-Oriented Programming (OOP), REST APIs, MVVM Architecture, DSA